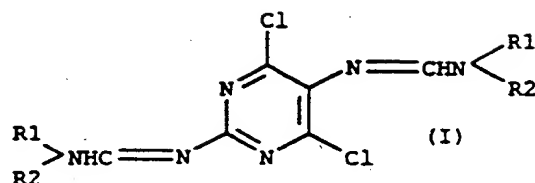


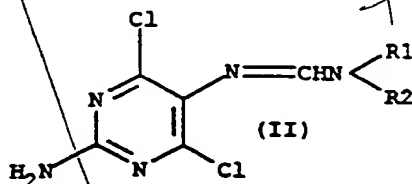
CLAIMS

1. A compound of formula (I)



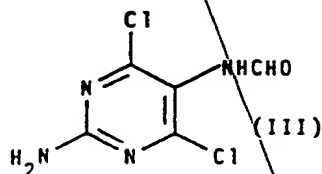
wherein R¹ and R², which may be the same or different, are selected from C₁₋₈ alkyl, C₃₋₈ cycloalkyl, and optionally substituted aryl.

2. A compound of formula (I) as claimed in claim 1 wherein R¹ and R² are both C₁₋₈ alkyl.
3. A compound of formula (II)

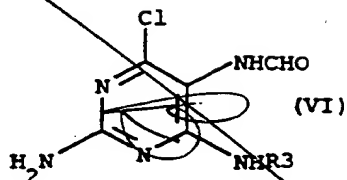


wherein R¹ and R² are as defined in claim 1 or 2.

4. A compound of formula (III)



5. A compound of formula (VI)

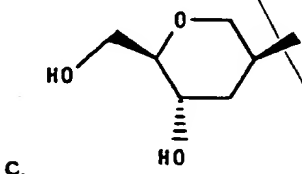


wherein R^3 may be hydrogen or any group which is not attached by a glycosidic bond.

6. A compound as claimed in claim 5 wherein R^3 is C_{3-7} carbocyclic, a C_{2-8} hydrocarbyl or a C_{4-7} heterocyclic group, provided that such groups are not attached by a glycosidic bond.
7. A compound of formula (VI) as claimed in claim 5 wherein R^3 is a group selected from:

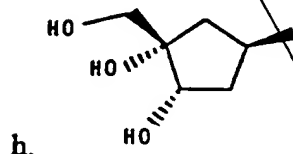
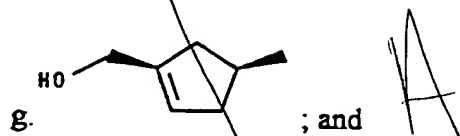
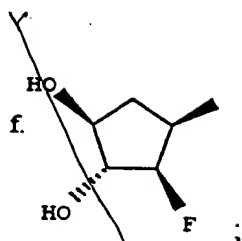


b. $H;$



d. $(AcOCH_2)_2CHCH_2CH_2^-;$

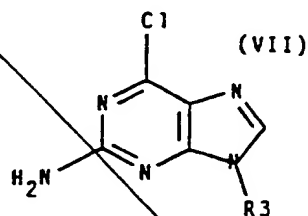
e. $HOCH_2CH_2CHCH_2^-;$
 CH_2OH



8. A compound of formula (VI) wherein R^3 is



9. A process for the preparation of a compound of formula (VII)

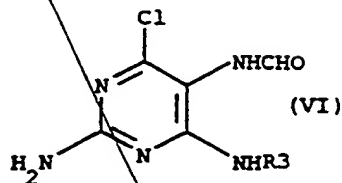


wherein R^3 is as defined in claim 5, 6, 7, or 8 comprising ring closure of a compound of formula (VI) as defined in claim 5 in the presence of an acid.

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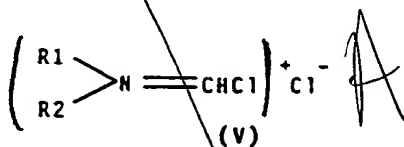
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#2
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10. A process for the preparation of a compound of formula (VI)



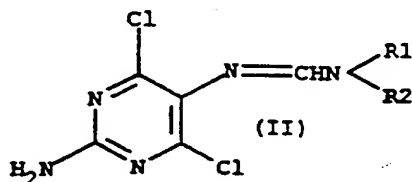
wherein R^3 is as defined in claim 5, 6, 7, or 8 comprising reacting a compound of formula (III) as defined in claim 4 with an amine of formula R^3NH_2 in the presence of a base.

11. A process for the preparation of a compound of formula (I) as defined in claim 1 comprising of reacting 2,5-diamino-4,6-dihydropyrimidine with a compound of formula (V)



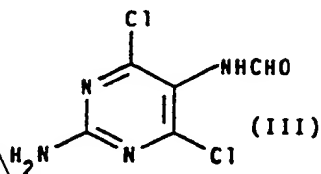
wherein R^1 and R^2 are as defined in claim 1 or 2.

12. A process for the preparation of a compound of formula (II)



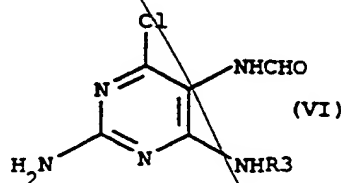
wherein R^1 and R^2 are defined in claim 1 or 2; comprising hydrolysing a compound of formula (I).

13. A process for the preparation of a compound of formula (III)



by hydrolysing a compound of formula (I) or (II).

14. A process for the preparation of a compound of formula (VI)



wherein R^3 is as defined in claim 5, 6, 7, or 8; comprising reacting a compound of formula (III) as defined in claim 4 with an amine of formula R^3NH_2 .

15. A process for the preparation of 2,5-diamino-4,6-dichloropyrimidine by the hydrolysis of a compound of formula (I), (II), or (III).
16. A process for the preparation of 2,6-diaminopurines wherein the 6-amino group is substituted by R^4 and R^5 , which may be the same or different and are selected from hydrogen, C_{1-8} alkyl, C_{3-6} cycloalkyl or phenyl, by reaction of a compound of formula (VI) as defined in claims 5, 6 or 7 with an excess of amine NHR^4R^5 in a refluxing solvent.
17. A process for the preparation of (1S,4R)-4-[2-amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol by reaction of a compound of formula (VI) as defined in claim 8 with an excess of cyclopropylamine in a refluxing solvent.

Sub C2
Add A3